

APPENDIX: EQUATIONS USED

We calculated A, the average probability of report (efficacy of selection: our measure of

$$A = \frac{\sum_{i=ks}^{ke} P_i}{n},$$

suppression), as follows: where n is the total number of items in the selection window (in our case, 7), P_i is the probability (empirical frequency) of reporting an item from serial position i (relative to the target position, 0), and ks and ke are the lower and upper bounds, respectively, of the window used to compute the measure, expressed in serial position of the item relative to the cue position. We used ks=-3 and ke= 3 (0 is the correct target).

C, the center of mass (latency of selection: our measure of delay), was calculated as

$$C = \frac{\sum_{i=ks}^{ke} P_i * i}{A * n}.$$

Finally, V, the variance of the center of mass (precision of

$$V = \frac{\sum_{i=ks}^{ke} P_i * (i - C)^2}{A * n}.$$

selection: our measure of diffusion), was calculated as